

PREMIER AVIATION INC.  
2621 Aviation Parkway  
Grand Prairie, Texas 75052

FAA APPROVED  
ROTORCRAFT FLIGHT MANUAL  
SUPPLEMENT FOR  
BELL MODEL 206L-3/L-4  
WITH  
EXTERNAL BALLAST PROVISIONS

Reg. No. \_\_\_\_\_

Serial No. \_\_\_\_\_

This supplement must be attached to the appropriate FAA approved Bell Helicopter/Textron Model 206L-3/L-4 Rotorcraft Flight Manual when the External Ballast Provisions have been installed in accordance with PREMIER Aviation Inc. STC No. **SR09078RC**

The Information contained herein supplements or supersedes the Basic Flight Manual only in those areas listed herein. For limitations, procedures and performance information not contained in this document, consult the Basic Flight Manual.

FAA Approved: \_\_\_\_\_

Carl F. Mittag, Manager  
Rotorcraft Certification Office, ASW-170  
Federal Aviation Administration  
2601 Meacham Boulevard  
Fort Worth, Texas 76193-0170



FAA Approved: **JUN 13 1996**

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Drawing No. 209-68000

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**STC SR09078RC**

PREMIER AVIATION INC.  
2621 Aviation Parkway  
Grand Prairie, Texas 75052  
Phn 214-988-6181 FAX 214-660-2670

Rotorcraft Flight Manual Supplement  
for Bell Model 206L-3/L-4  
with External Ballast Provisions

### LOG OF REVISIONS

Rev	Description	Approval	Date
-	Initial Release	<i>HPM Whitlock</i>	6/13/96

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## INTRODUCTION:

### Equipment Description:

The PREMIER External Ballast Provisions provides a solution to lateral C.G. difficulties that may be encountered when installing a WESCAM 36d or 24DB Camera Pod.

### Weight and Balance (Unapproved Data):

The following information may be used to approximate the change in aircraft Center of Gravity due to the installation of the PREMIER External Ballast.

<b>STATION</b>	<b>B.L.</b>
99.14	25.25

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## **SECTION 1:**

### **OPERATING LIMITATIONS**

#### **WEIGHT AND BALANCE:**

Actual weight and balance shall be determined after installation of the External Ballast Arm.

180 Lbs is the maximum amount of weight that can be installed on the External Ballast Arm.

Total external ballast weight should be computed by adding the values of each weight and the Ballast Arm. These weight values are stamped into each part.

When installed on a 206L-4 in conjunction with the WESCAM Camera Pods, operation above 4150 lbs G.W. is prohibited.

#### **INSTALLATION:**

The installation of the External Ballast Arm should be in conjunction with the installation of the WESCAM 24DB Camera Pod IAW PREMIER Aviation STC SR09068RC and/or the WESCAM 36d or 24DB Camera Pod IAW PREMIER Aviation STC SR09067RC.

The External Ballast Arm may be mounted on the left or right side of the aircraft.

## **SECTION 2:**

### **NORMAL PROCEDURES**

#### **EXTERIOR CHECK:**

Ensure mounting security of External Ballast Arm to aircraft and mounting security of ballast to External Ballast Arm. Ensure that retaining pins are inserted and latched.

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## **SECTION 3:**

### **EMERGENCY and MALFUNCTION PROCEDURES:**

**NO CHANGES.**

## **SECTION 4:**

### **PERFORMANCE:**

**NO CHANGES.**

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